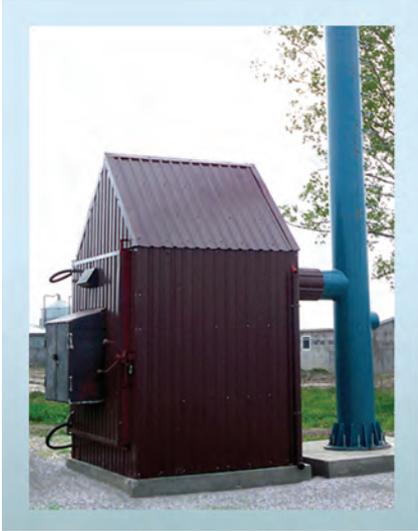


STRAW-FIRED WATER HEATING GENERATORS WITH A CAPACITY OF 0.5 MW



TSE-250 heat generator



KSs-100 heat generator

Areas of Application

The generators are to be used for reducing natural gas consumption for heating purposes in rural regions due to the use of agricultural product waste as fuel

Advantages

These devices are cheaper than the foreign counterparts with similar characteristics

Specification

Straw-fired heat generators	TS-350	TSE-250	KSs-100
Heat capacity, kW:	350	250	100
Efficiency, %	83	83	78
Fuel	Large straw bales (1.5 m width, 1.8 m diameter)	Large straw bales (1.5 m width, 1.8 m diameter)	Small rectangular bales (1.0 × 0.4 × 0.5 m)
Straw consumption, t/season	380	270	115
Natural gas saving, thousand m ³ /season	171	122	49
Payback period, years	2–3	2.5–3.5	3

Stage of Development.
Suggestions for Commercialization

IRL6, TRL6
Design, manufacture, and warranty service, upon request

IPR Protection

IPR2

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